

STATINTL

27 July 1966

Comments re: 35% A&E drawings.

See Sheet A-6 -

1. Generators require only floor slab to support generator weight, approx. 5,000 lbs.
2. Wall mounted automatic transfer switch will be utilized vice free standing switchgear.
3. Provisions to route exhaust through and support piping and silencer.
4. Automatic air intake louvers provided with total area equal to four times the engine radiator size. Louvers should be located as high as possible to reduce dust etc intake.
5. Space, approx 6 sq. ft., should be allowed for fuel transfer pump to transfer fuel from storage tank to day tank.
6. Fuel day tank of approx. 250 gal capacity should be provided. Tank should be located so that no fuel head pressure exists (floor level). Tank made from black iron - Not galvanized. Each engine requires a supply from top of tank with inlet extending to within six inches of bottom with foot valve installed. Return line required from each engine into top of tank. Engine lines must not be manifolded together. If tanks are located outside building, suitable protection from sun must be provided.
7. Engine location and clearance space adequate, do not reduce.
8. Floor should pitch to drain between engines.
9. Provide water to power house.
10. Wall outlets provided for lights and battery charger located between engines.
11. Wiring trench from engines to transfer switch to accomodate power cables.

See Sheet S-1 -

1. Number 4 rebars shown in sections 4 and 5 should be spaced six inches on center each way.
2. Walls and roof of new area (see sections 1, 3, and 6) should contain the equivalent of #4 rebars spaced six inches on center each way. This may be accomplished by staggering rebars on each face of wall or roof.

See Sheet E (unnumbered) -

1. Retain to the maximum extent consistent with economics the existing electrical work in the Maintenance shop.